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DATE: Thursday, September 15, 2005

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<input type="checkbox"/>	L23	L22 and ((heat\$3 or thermal\$2 or temperature or melt\$3)with (roller or member or means) with (resist\$4) with (film or coating)) L21 and ((heat\$3 or thermal\$2 or temperature or thermometer or melt\$3) with (roller or member or means) with (rotatable or rotating or rotated or rotate or rotational\$2 or wind\$4 or move or turn or turnable or turned or turning or moves or moved or movable or moving or movement) with (direction\$4))	40
<input type="checkbox"/>	L22	L20 and (support\$3 or position\$4 or contact\$3) L19 and (((plate or plane or flat or flatten or flattened or pancake or slab or slice) with ((heat\$3 or thermal\$2 or temperature or melt\$3) with (resist\$4)) with (film or coating)))	50
<input type="checkbox"/>	L21	L18 and (((heat\$3 or thermal\$2 or temperature or melt\$3) with (resist\$4)) with (film or coating))	60
<input type="checkbox"/>	L18	L17 and (press\$4)	932
<input type="checkbox"/>	L17	L16 and ((heat\$3 or thermal\$2 or temperature or melt\$3) with (resist\$4))	969
<input type="checkbox"/>	L16	L15 and (film or coating) L14 and ((rotatable or rotating or rotated or rotate or rotational\$2 or wind\$4 or move or turn or turnable or turned or turning or moves or moved or movable or moving or movement) with (direction\$4))	1592
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<input type="checkbox"/>	L13	L12 and (circumference or circumferential\$2 or surface or perimeter)	2519
<input type="checkbox"/>	L12	L11 and ((heat\$3 or thermal\$2 or temperature or thermometer or melt\$3) with (develop\$3 or development))	2555
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<input type="checkbox"/>	L10	L9 and (develop\$3 or development) L8 and ((heat\$3 or thermal\$2 or temperature or thermometer) with (roller or member or means) with (rotatable or rotating or rotated or rotate or rotational\$2 or wind\$4 or move or turn or turnable or turned or turning or moves or moved or movable or moving or movement))	13647
<input type="checkbox"/>	L9	L7 and ((heat\$3 or thermal\$2 or temperature or thermometer) with (roller or member or means))	41982
<input type="checkbox"/>	L8	L6 and (plate or plane or flat or flatten or flattening or flattened or pancake or slab or slice)	132684
<input type="checkbox"/>	L7	L5 and (fix\$4 or fus\$4) L3 and (rotatable or rotating or rotated or rotate or rotational\$2 or wind\$4 or	460729
<input type="checkbox"/>	L6		627970

- L5 move or turn or turnable or turned or turning or moves or moved or movable or moving or movement) 1141645
- L4 L3 and (rotatable or rotating or rotated or rotate or rotational\$2 or wind\$4 or mov\$4 or turn\$4) 1124847
- L3 L2 and (roller or member or means) 1685320
- L2 (heat\$3 or thermal\$2 or temperature or thermometer) 6897519
- L1 (heat\$3 or thermal\$2 or temperature) 6891015

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 40 of 40 returned.

1. Document ID: US 20050069337 A1

Using default format because multiple data bases are involved.

L23: Entry 1 of 40

File: PGPB

Mar 31, 2005

PGPUB-DOCUMENT-NUMBER: 20050069337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050069337 A1

TITLE: Image forming apparatus

PUBLICATION-DATE: March 31, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Suzumi, Masahiko	Shizuoka		JP	
Sato, Akiya	Shizuoka		JP	

US-CL-CURRENT: 399/88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	Comments	Drawings
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2. Document ID: US 20050064337 A1

L23: Entry 2 of 40

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050064337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050064337 A1

TITLE: Image forming method and image exposure device

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Suganuma, Atsushi	Kanagawa		JP	
Sunagawa, Hiroshi	Kanagawa		JP	
Aoshima, Norio	Shizuoka-ken		JP	
Inno, Toshifumi	Shizuoka-ken		JP	

US-CL-CURRENT: 430/300

3. Document ID: US 20040240912 A1

L23: Entry 3 of 40

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040240912

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040240912 A1

TITLE: Fixing unit and image forming apparatus

PUBLICATION-DATE: December 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fujita, Shinsuke	Tokyo		JP	
Mizuno, Kyoichi	Tokyo		JP	

US-CL-CURRENT: 399/328; 399/330

4. Document ID: US 20040219376 A1

L23: Entry 4 of 40

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040219376

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040219376 A1

TITLE: Heat resistant resin film with metal thin film, manufacturing method of the resin film, endless belt, manufacturing method of the belt, and image forming apparatus

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ashigarakami-gun		JP	
Itoh, Kazuyoshi	Ashigarakami-gun		JP	
Naito, Yasutaka	Ashigarakami-gun		JP	
Ohara, Hideaki	Ashigarakami-gun		JP	

US-CL-CURRENT: 428/457; 427/523

5. Document ID: US 20040191661 A1

L23: Entry 5 of 40

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040191661
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040191661 A1

TITLE: Dry toner, method for producing dry toner, and method for forming an image

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ohno, Manabu	Shizuoka		JP	
Fukushima, Motoya	Shizuoka		JP	
Itabashi, Hitoshi	Kanagawa		JP	
Katsuta, Yasushi	Shizuoka		JP	
Tosaka, Emi	Shizuoka		JP	
Fujimoto, Norikazu	Shizuoka		JP	

US-CL-CURRENT: 430/108.24; 430/108.8, 430/109.3, 430/110.3, 430/124, 430/137.15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WOOC	Drawn To
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6. Document ID: US 20040185384 A1

L23: Entry 6 of 40

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040185384
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040185384 A1

TITLE: Image forming method and image exposure apparatus

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Suganuma, Atsushi	Kanagawa		JP	
Sunagawa, Hiroshi	Kanagawa		JP	
Aoshima, Norio	Shizuoka-ken		JP	
Inno, Toshifumi	Shizuoka-ken		JP	

US-CL-CURRENT: 430/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WOOC	Drawn To
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7. Document ID: US 20040135870 A1

PGPUB-DOCUMENT-NUMBER: 20040135870
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040135870 A1

TITLE: Resistive ribbon thermal print head and printer using the same

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Furuyama, Shinichi	Tokyo		JP	

US-CL-CURRENT: 347/208

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Drawn D.](#)

8. Document ID: US 20040132597 A1

PGPUB-DOCUMENT-NUMBER: 20040132597
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040132597 A1

TITLE: Image heating apparatus and pressure roller used for the apparatus

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sakakibara, Hiroyuki	Shizuoka		JP	
Tomoyuki, Yoji	Tokyo		JP	
Nakazono, Yusuke	Shizuoka		JP	

US-CL-CURRENT: 492/56

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Drawn D.](#)

9. Document ID: US 20030162116 A1

PGPUB-DOCUMENT-NUMBER: 20030162116
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030162116 A1

TITLE: Toner and image-forming method

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Katsuta, Yasushi	Shizuoka		JP	
Ohno, Manabu	Shizuoka		JP	
Ito, Masanori	Tokyo		JP	
Tosaka, Emi	Shizuoka		JP	

US-CL-CURRENT: 430/108.23; 430/108.1, 430/108.4, 430/109.3, 430/124

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RICO](#) | [Drawn By](#)

10. Document ID: US 20030118363 A1

L23: Entry 10 of 40

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030118363

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030118363 A1

TITLE: Image forming apparatus

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Izawa, Satoru	Shizuoka-ken		JP	
Goto, Masahiro	Mishima-shi		JP	
Miyamoto, Toshio	Numazu-shi		JP	
Suzumi, Masahiko	Numazu-shi		JP	
Uekawa, Eiji	Shizuoka-ken		JP	
Nihonyanagi, Koji	Susono-shi		JP	

US-CL-CURRENT: 399/69; 399/328

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RICO](#) | [Drawn By](#)

11. Document ID: US 20030058320 A1

L23: Entry 11 of 40

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030058320

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030058320 A1

TITLE: Image heating device having excessive temperature rise prevention function

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sano, Tetsuya	Shizuoka		JP	
Nanataki, Hideo	Kanagawa		JP	
Kume, Takao	Shizuoka		JP	
Nomura, Takashi	Shizuoka		JP	

US-CL-CURRENT: 347/103

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawings](#)

12. Document ID: US 20030035667 A1

L23: Entry 12 of 40

File: PGPB

Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030035667

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030035667 A1

TITLE: Image heating apparatus having metallic rotary member contacting with heater

PUBLICATION-DATE: February 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Izawa, Satoru	Shizuoka		JP	
Kanamori, Akihito	Shizuoka		JP	
Kataoka, Hiroshi	Shizuoka		JP	
Uekawa, Eiji	Shizuoka		JP	
Hashiguchi, Shinji	Shizuoka		JP	

US-CL-CURRENT: 399/333

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawings](#)

13. Document ID: US 20020118977 A1

L23: Entry 13 of 40

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020118977

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020118977 A1

TITLE: Fixing device and image forming apparatus

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hasegawa, Hiroto	Shizuoka		JP	

Miyamoto, Toshio	Shizuoka	JP
Izawa, Satoru	Shizuoka	JP
Suzumi, Masahiko	Shizuoka	JP
Kanari, Kenji	Shizuoka	JP

US-CL-CURRENT: 399/69; 399/44

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Drawings](#)

14. Document ID: US 20020076515 A1

L23: Entry 14 of 40

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020076515

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020076515 A1

TITLE: Heat resistant resin film with metal thin film, manufacturing method of the resin film, endless belt, manufacturing method of the belt, and image forming apparatus

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ashigarakami-gun		JP	
Itoh, Kazuyoshi	Ashigarakami-gun		JP	
Naito, Yasutaka	Ashigarakami-gun		JP	
Ohara, Hideaki	Ashigarakami-gun		JP	

US-CL-CURRENT: 428/35.8; 205/152, 428/328, 428/458

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Drawings](#)

15. Document ID: US 20020058193 A1

L23: Entry 15 of 40

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058193

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058193 A1

TITLE: Toner and image forming method

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tosaka, Emi	Shizuoka-ken		JP	
Fukushima, Motoya	Mishima-shi		JP	

US-CL-CURRENT: 430/108.23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EDOC	Download
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16. Document ID: US 20020031648 A1

L23: Entry 16 of 40

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020031648
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020031648 A1

TITLE: Peeling member

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ohashi, Masaaki	Inabe-gun		JP	

US-CL-CURRENT: 428/196

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMBC	Draft_D
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17. Document ID: US 20020022138 A1

L23: Entry 17 of 40

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022138
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020022138 A1

TITLE: Process for producing heat-resistant resin film having metallic thin film,
process for producing endless belt, endless belt, and apparatus for forming image

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ebina-shi		JP	
Uehara, Yasuhiro	Ebina-shi		JP	
Yasuno, Michiaki	Ebina-shi		JP	
Omata, Makoto	Ebina-shi		JP	

US-CL-CURRENT: 428/457; 427/409, 428/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn By
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18. Document ID: US 6908683 B2

L23: Entry 18 of 40

File: USPT

Jun 21, 2005

US-PAT-NO: 6908683
DOCUMENT-IDENTIFIER: US 6908683 B2

TITLE: Peeling member

DATE-ISSUED: June 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohashi; Masaaki	Mie			JP

US-CL-CURRENT: 428/450; 156/73.5, 428/354, 428/421, 428/422, 428/447, 428/448,
428/457

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Claims](#) | [DOCID](#) | [Drawn D.](#)

19. Document ID: US 6879333 B2

L23: Entry 19 of 40

File: USPT

Apr 12, 2005

US-PAT-NO: 6879333
DOCUMENT-IDENTIFIER: US 6879333 B2

TITLE: Resistive ribbon thermal print head and printer using the same

DATE-ISSUED: April 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Furuyama; Shinichi	Tokyo			JP

US-CL-CURRENT: 347/208

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Claims](#) | [DOCID](#) | [Drawn D.](#)

20. Document ID: US 6855471 B2

L23: Entry 20 of 40

File: USPT

Feb 15, 2005

US-PAT-NO: 6855471
DOCUMENT-IDENTIFIER: US 6855471 B2

TITLE: Toner and image-forming method

DATE-ISSUED: February 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katsuta; Yasushi	Shizuoka			JP
Ohno; Manabu	Shizuoka			JP
Ito; Masanori	Tokyo			JP
Tosaka; Emi	Shizuoka			JP

US-CL-CURRENT: 430/108.23; 430/108.1, 430/108.4

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21. Document ID: US 6763205 B2

L23: Entry 21 of 40

File: USPT

Jul 13, 2004

US-PAT-NO: 6763205

DOCUMENT-IDENTIFIER: US 6763205 B2

**** See image for Certificate of Correction ****

TITLE: Image heating apparatus with heater in form of a plate cooperable with a rotatable member to form a heating nip

DATE-ISSUED: July 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Izawa; Satoru	Shizuoka-ken			JP
Goto; Masahiro	Mishima			JP
Miyamoto; Toshio	Numazu			JP
Suzumi; Masahiko	Numazu			JP
Uekawa; Eiji	Shizuoka-ken			JP
Nihonyanagi; Koji	Susono			JP

US-CL-CURRENT: 399/69; 219/216, 399/328, 399/330, 399/331

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [DOCID](#) | [Drafter](#)

22. Document ID: US 6748192 B2

L23: Entry 22 of 40

File: USPT

Jun 8, 2004

US-PAT-NO: 6748192

DOCUMENT-IDENTIFIER: US 6748192 B2

**** See image for Certificate of Correction ****

TITLE: Image heating apparatus having metallic rotary member contacting with heater

DATE-ISSUED: June 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Izawa; Satoru	Shizuoka			JP
Kanamori; Akihito	Shizuoka			JP
Kataoka; Hiroshi	Shizuoka			JP
Uekawa; Eiji	Shizuoka			JP
Hashiguchi; Shinji	Shizuoka			JP

US-CL-CURRENT: 399/329; 399/333

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  |  | [Claims](#) | [TOC](#) | [Drawings](#)

23. Document ID: US 6720084 B2

L23: Entry 23 of 40

File: USPT

Apr 13, 2004

US-PAT-NO: 6720084

DOCUMENT-IDENTIFIER: US 6720084 B2

TITLE: Process for producing heat-resistant resin film having metallic thin film, process for producing endless belt, endless belt, and apparatus for forming image

DATE-ISSUED: April 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maeyama; Ryuichiro	Ebina			JP
Uehara; Yasuhiro	Ebina			JP
Yasuno; Michiaki	Ebina			JP
Omata; Makoto	Ebina			JP

US-CL-CURRENT: 428/458; 156/137, 156/60, 205/143, 205/144, 205/149, 205/151, 205/152, 205/80, 264/241, 264/299, 264/319, 427/230, 427/234, 427/237, 427/240, 427/241, 427/407.1, 427/409, 428/35.8, 428/411.1, 428/457

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24. Document ID: US 6701102 B2

L23: Entry 24 of 40

File: USPT

Mar 2, 2004

US-PAT-NO: 6701102

DOCUMENT-IDENTIFIER: US 6701102 B2

** See image for Certificate of Correction **

TITLE: Method and apparatus for controlling the temperature in a fixing device of an image forming apparatus

DATE-ISSUED: March 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hasegawa; Hiroto	Shizuoka			JP
Miyamoto; Toshio	Shizuoka			JP
Izawa; Satoru	Shizuoka			JP
Suzumi; Masahiko	Shizuoka			JP
Kanari; Kenji	Shizuoka			JP

US-CL-CURRENT: 399/69; 219/216, 399/330

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25. Document ID: US 6667140 B2

L23: Entry 25 of 40

File: USPT

Dec 23, 2003

US-PAT-NO: 6667140

DOCUMENT-IDENTIFIER: US 6667140 B2

** See image for Certificate of Correction **

TITLE: Toner and image forming method

DATE-ISSUED: December 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tosaka; Emi	Shizuoka-ken			JP
Fukushima; Motoya	Mishima			JP
Ohno; Manabu	Numazu			JP
Katsuta; Yasushi	Shizuoka-ken			JP

US-CL-CURRENT: 430/108.23; 430/124, 430/125

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26. Document ID: US 6506477 B1

L23: Entry 26 of 40

File: USPT

Jan 14, 2003

US-PAT-NO: 6506477

DOCUMENT-IDENTIFIER: US 6506477 B1

TITLE: Apparatus and method for forming three-dimensional object

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ueda; Masahide	Kashihara			JP
Kubo; Naoki	Nishinomiya			JP

Kamisaki; Akiyoshi

Takarazuka

JP

Yagi; Fumiya

Toyonaka

JP

US-CL-CURRENT: 156/148, 156/242, 156/285, 156/62.2, 264/103, 264/129, 264/132,
264/280, 264/299, 264/510, 425/130, 425/190, 428/190, 428/546

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [DOC](#) | [Drawings](#)

27. Document ID: US 6323460 B1

L23: Entry 27 of 40

File: USPT

Nov 27, 2001

US-PAT-NO: 6323460

DOCUMENT-IDENTIFIER: US 6323460 B1

**** See image for Certificate of Correction ****

TITLE: Image heating apparatus in which first and second heating resistors are within a width of a nip through which a recording material passes

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohtsuka; Yasumasa	Yokohama			JP

US-CL-CURRENT: 219/216; 219/121.69, 219/539

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [DOC](#) | [Drawings](#)

28. Document ID: US 6040558 A

L23: Entry 28 of 40

File: USPT

Mar 21, 2000

US-PAT-NO: 6040558

DOCUMENT-IDENTIFIER: US 6040558 A

**** See image for Certificate of Correction ****

TITLE: Image heating apparatus

DATE-ISSUED: March 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamazaki; Michihito	Tokyo			JP

US-CL-CURRENT: 219/216; 399/329, 399/69

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [DOC](#) | [Drawings](#)

29. Document ID: US 5874710 A

L23: Entry 29 of 40

File: USPT

Feb 23, 1999

US-PAT-NO: 5874710

DOCUMENT-IDENTIFIER: US 5874710 A

** See image for Certificate of Correction **

TITLE: Fixing heater and fixing apparatus with trimmed resistive member

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yoshimoto; Toshio	Yokohama			JP
Soya; Takashi	Kawasaki			JP
Nakahara; Takashi	Kawasaki			JP
Nashida; Yasumasa	Kawasaki			JP
Nakata; Yasuhiro	Yokohama			JP

US-CL-CURRENT: 219/216; 219/121.68, 399/329

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | PDF | Drawn

30. Document ID: US 5819149 A

L23: Entry 30 of 40

File: USPT

Oct 6, 1998

US-PAT-NO: 5819149

DOCUMENT-IDENTIFIER: US 5819149 A

** See image for Certificate of Correction **

TITLE: Image forming apparatus preventing change of size of image

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Yasunari	Susono			JP
Otsuka; Yasumasa	Toride			JP
Hashimoto; Hiroshi	Toride			JP
Takano; Manabu	Tokyo			JP

US-CL-CURRENT: 399/330; 399/44, 399/68

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | PDF | Drawn

31. Document ID: US 5682580 A

L23: Entry 31 of 40

File: USPT

Oct 28, 1997

US-PAT-NO: 5682580
DOCUMENT-IDENTIFIER: US 5682580 A

TITLE: Electrophotographic serial printing apparatus

DATE-ISSUED: October 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iwama; Ryouichi	Kawasaki			JP
Masuda; Syuzo	Saijo			JP

US-CL-CURRENT: 399/130; 347/152, 347/156, 399/320

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Text](#) | [Claims](#) | [DOC](#) | [Claim D.](#)

32. Document ID: US 5499087 A

L23: Entry 32 of 40

File: USPT

Mar 12, 1996

US-PAT-NO: 5499087
DOCUMENT-IDENTIFIER: US 5499087 A

TITLE: Heat fixing device and electrophotographic apparatus incorporating the same having a PTC heating element received in a recess of a holder

DATE-ISSUED: March 12, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hiraoka; Chikara	Ibaraki			JP
Matsuno; Junichi	Toride			JP
Mitani; Masao	Mito			JP
Oda; Hiroshi	Ube			JP
Tsumura; Toshikazu	Kure			JP

US-CL-CURRENT: 399/329; 219/216

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Text](#) | [Claims](#) | [DOC](#) | [Claim D.](#)

33. Document ID: US 5401936 A

L23: Entry 33 of 40

File: USPT

Mar 28, 1995

US-PAT-NO: 5401936
DOCUMENT-IDENTIFIER: US 5401936 A
** See image for Certificate of Correction **

TITLE: Heating apparatus using heater having heat-resistive resin layer

DATE-ISSUED: March 28, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kusaka; Kensaku	Kawasaki			JP
Yamamoto; Akira	Tokyo			JP
Kimura; Shigeo	Yokohama			JP
Hosoi; Atsushi	Kawasaki			JP

US-CL-CURRENT: 219/216; 399/335

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | [Claims](#) | [EPODOC](#) | [Drawn D.](#)

34. Document ID: US 5300998 A

L23: Entry 34 of 40

File: USPT

Apr 5, 1994

US-PAT-NO: 5300998

DOCUMENT-IDENTIFIER: US 5300998 A

** See image for Certificate of Correction **

TITLE: Heating apparatus having a movable film protection member and image forming apparatus using same

DATE-ISSUED: April 5, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ogisawa; Yuka	Kawasaki			JP
Yamanaka; Yuji	Tokyo			JP

US-CL-CURRENT: 399/124; 219/216, 399/329

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | [Claims](#) | [EPODOC](#) | [Drawn D.](#)

35. Document ID: US 5262834 A

L23: Entry 35 of 40

File: USPT

Nov 16, 1993

US-PAT-NO: 5262834

DOCUMENT-IDENTIFIER: US 5262834 A

** See image for Certificate of Correction **

TITLE: Image fixing apparatus

DATE-ISSUED: November 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kusaka; Kensaku	Kawasaki			JP

Kimura; Shigeo	Yokohama	JP
Hosoi; Atsushi	Kawasaki	JP
Adachi; Hiroyuki	Tokyo	JP
Maruta; Hidekazu	Hachiohji	JP
Yamamoto; Akira	Tokyo	JP

US-CL-CURRENT: 399/329; 219/216, 399/338

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [Bibliography](#) | [Drawings](#)

36. Document ID: US 5162634 A

L23: Entry 36 of 40

File: USPT

Nov 10, 1992

US-PAT-NO: 5162634

DOCUMENT-IDENTIFIER: US 5162634 A

**** See image for Certificate of Correction ****

TITLE: Image fixing apparatus

DATE-ISSUED: November 10, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kusaka; Kensaku	Kawasaki			JP
Suzuki; Yoshihiko	Tokyo			JP
Kimura; Shigeo	Yokohama			JP
Hosoi; Atsushi	Kawasaki			JP
Adachi; Hiroyuki	Tokyo			JP
Kinoshita; Masahide	Yokohama			JP
Maruta; Hidekazu	Tokyo			JP
Yamamoto; Akira	Tokyo			JP
Naruse; Ikuko	Tokyo			JP

US-CL-CURRENT: 219/216; 219/469, 219/482, 219/546, 399/338

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [Bibliography](#) | [Drawings](#)

37. Document ID: US 5115278 A

L23: Entry 37 of 40

File: USPT

May 19, 1992

US-PAT-NO: 5115278

DOCUMENT-IDENTIFIER: US 5115278 A

**** See image for Certificate of Correction ****

TITLE: Heating apparatus using low resistance film

DATE-ISSUED: May 19, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maruta; Hidekazu	Hachioji			JP
Adachi; Hiroyuki	Tokyo			JP
Yamamoto; Akira	Tokyo			JP
Kimura; Shigeo	Yokohama			JP
Kusaka; Kensaku	Kawasaki			JP

US-CL-CURRENT: 399/329; 219/216

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | PTOID | Drawn By

38. Document ID: US 5026276 A

L23: Entry 38 of 40

File: USPT

Jun 25, 1991

US-PAT-NO: 5026276

DOCUMENT-IDENTIFIER: US 5026276 A

** See image for Certificate of Correction **

TITLE: Image fixing apparatus using a detachable film

DATE-ISSUED: June 25, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirabayashi; Hiromitsu	Yokohama			JP
Kusaka; Kensaku	Kawasaki			JP
Mizutani; Morikazu	Tokyo			JP

US-CL-CURRENT: 432/59; 219/216, 399/328

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | PTOID | Drawn By

39. Document ID: US 4848879 A

L23: Entry 39 of 40

File: USPT

Jul 18, 1989

US-PAT-NO: 4848879

DOCUMENT-IDENTIFIER: US 4848879 A

** See image for Certificate of Correction **

TITLE: Light modulating device

DATE-ISSUED: July 18, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishimura; Yukuo	Sagamihara			JP
Miyajima; Yuko	Tokyo			JP

Minoura; Kazuo	Yokohama	JP
Baba; Takeshi	Yokohama	JP
Matsuoka; Kazuhiko	Yokohama	JP
Usui; Masayuki	Yokohama	JP
Someya; Atsushi	Machida	JP

US-CL-CURRENT: 359/289; 359/276, 359/277

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | | |

40. Document ID: US 4781441 A

L23: Entry 40 of 40

File: USPT

Nov 1, 1988

US-PAT-NO: 4781441

DOCUMENT-IDENTIFIER: US 4781441 A

**** See image for Certificate of Correction ****

TITLE: Method of controlling orientation of liquid crystal, device used therein and liquid crystal device produced thereby

DATE-ISSUED: November 1, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanbe; Junichiro	Yokohama			JP
Katagiri; Kazuharu	Yokohama			JP
Okada; Shinjiro	Kawasaki			JP

US-CL-CURRENT: 349/191; 349/1, 349/132, 349/133, 349/138, 349/161, 349/172, 349/3, 349/84

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | | |

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Term	Documents
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TEMP	849321
TEMPS	79752
TEMPERATURES	1119633
ROLLER	1096882
ROLLERS	754106
MEMBER	3771100
MEMBERS	2148415

MEANS	1867
MEAN	766174
FILM	2498891
(L22 AND ((HEAT\$3 OR THERMAL\$2 OR TEMPERATURE OR MELT\$3) WITH (ROLLER OR MEMBER OR MEANS) WITH (RESIST\$4) WITH (FILM OR COATING))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	40

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1. Document ID: US 20050069337 A1

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L24: Entry 1 of 17

File: PGPB

Mar 31, 2005

PGPUB-DOCUMENT-NUMBER: 20050069337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050069337 A1

TITLE: Image forming apparatus

PUBLICATION-DATE: March 31, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Suzumi, Masahiko	Shizuoka		JP	
Sato, Akiya	Shizuoka		JP	

US-CL-CURRENT: 399/88

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Previous](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [Cited By](#) | [Drawings](#)

2. Document ID: US 20050064337 A1

L24: Entry 2 of 17

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050064337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050064337 A1

TITLE: Image forming method and image exposure device

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Suganuma, Atsushi	Kanagawa		JP	
Sunagawa, Hiroshi	Kanagawa		JP	
Aoshima, Norio	Shizuoka-ken		JP	
Inno, Toshifumi	Shizuoka-ken		JP	

US-CL-CURRENT: 430/300

3. Document ID: US 20040240912 A1

L24: Entry 3 of 17

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040240912

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040240912 A1

TITLE: Fixing unit and image forming apparatus

PUBLICATION-DATE: December 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fujita, Shinsuke	Tokyo		JP	
Mizuno, Kyoichi	Tokyo		JP	

US-CL-CURRENT: 399/328; 399/330

4. Document ID: US 20040219376 A1

L24: Entry 4 of 17

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040219376

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040219376 A1

TITLE: Heat resistant resin film with metal thin film, manufacturing method of the resin film, endless belt, manufacturing method of the belt, and image forming apparatus

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ashigarakami-gun		JP	
Itoh, Kazuyoshi	Ashigarakami-gun		JP	
Naito, Yasutaka	Ashigarakami-gun		JP	
Ohara, Hideaki	Ashigarakami-gun		JP	

US-CL-CURRENT: 428/457; 427/523

5. Document ID: US 20040191661 A1

L24: Entry 5 of 17

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040191661
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040191661 A1

TITLE: Dry toner, method for producing dry toner, and method for forming an image

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ohno, Manabu	Shizuoka		JP	
Fukushima, Motoya	Shizuoka		JP	
Itabashi, Hitoshi	Kanagawa		JP	
Katsuta, Yasushi	Shizuoka		JP	
Tosaka, Emi	Shizuoka		JP	
Fujimoto, Norikazu	Shizuoka		JP	

US-CL-CURRENT: 430/108.24; 430/108.8, 430/109.3, 430/110.3, 430/124, 430/137.15

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawn To](#)

6. Document ID: US 20040185384 A1

L24: Entry 6 of 17

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040185384
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040185384 A1

TITLE: Image forming method and image exposure apparatus

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Suganuma, Atsushi	Kanagawa		JP	
Sunagawa, Hiroshi	Kanagawa		JP	
Aoshima, Norio	Shizuoka-ken		JP	
Inno, Toshifumi	Shizuoka-ken		JP	

US-CL-CURRENT: 430/315

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawn To](#)

7. Document ID: US 20030118363 A1

PGPUB-DOCUMENT-NUMBER: 20030118363
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20030118363 A1

TITLE: Image forming apparatus

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Izawa, Satoru	Shizuoka-ken		JP	
Goto, Masahiro	Mishima-shi		JP	
Miyamoto, Toshio	Numazu-shi		JP	
Suzumi, Masahiko	Numazu-shi		JP	
Uekawa, Eiji	Shizuoka-ken		JP	
Nihonyanagi, Koji	Susono-shi		JP	

US-CL-CURRENT: 399/69; 399/328

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

8. Document ID: US 20020118977 A1

PGPUB-DOCUMENT-NUMBER: 20020118977
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20020118977 A1

TITLE: Fixing device and image forming apparatus

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hasegawa, Hiroto	Shizuoka		JP	
Miyamoto, Toshio	Shizuoka		JP	
Izawa, Satoru	Shizuoka		JP	
Suzumi, Masahiko	Shizuoka		JP	
Kanari, Kenji	Shizuoka		JP	

US-CL-CURRENT: 399/69; 399/44

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

9. Document ID: US 20020076515 A1

PGPUB-DOCUMENT-NUMBER: 20020076515

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020076515 A1

TITLE: Heat resistant resin film with metal thin film, manufacturing method of the resin film, endless belt, manufacturing method of the belt, and image forming apparatus

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ashigarakami-gun		JP	
Itoh, Kazuyoshi	Ashigarakami-gun		JP	
Naito, Yasutaka	Ashigarakami-gun		JP	
Ohara, Hideaki	Ashigarakami-gun		JP	

US-CL-CURRENT: 428/35.8; 205/152, 428/328, 428/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	TOC	Draft
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 10. Document ID: US 20020022138 A1

PGPUB-DOCUMENT-NUMBER: 20020022138

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020022138 A1

TITLE: Process for producing heat-resistant resin film having metallic thin film, process for producing endless belt, endless belt, and apparatus for forming image

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ebina-shi		JP	
Uehara, Yasuhiro	Ebina-shi		JP	
Yasuno, Michiaki	Ebina-shi		JP	
Omata, Makoto	Ebina-shi		JP	

US-CL-CURRENT: 428/457; 427/409, 428/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	TOC	Draft
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 11. Document ID: US 6763205 B2

US-PAT-NO: 6763205

DOCUMENT-IDENTIFIER: US 6763205 B2

**** See image for Certificate of Correction ****

TITLE: Image heating apparatus with heater in form of a plate cooperable with a rotatable member to form a heating nip

DATE-ISSUED: July 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Izawa; Satoru	Shizuoka-ken			JP
Goto; Masahiro	Mishima			JP
Miyamoto; Toshio	Numazu			JP
Suzumi; Masahiko	Numazu			JP
Uekawa; Eiji	Shizuoka-ken			JP
Nihonyanagi; Koji	Susono			JP

US-CL-CURRENT: 399/69; 219/216, 399/328, 399/330, 399/331

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [TOC](#) | [Drafter](#)

12. Document ID: US 6720084 B2

L24: Entry 12 of 17

File: USPT

Apr 13, 2004

US-PAT-NO: 6720084

DOCUMENT-IDENTIFIER: US 6720084 B2

TITLE: Process for producing heat-resistant resin film having metallic thin film, process for producing endless belt, endless belt, and apparatus for forming image

DATE-ISSUED: April 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maeyama; Ryuichiro	Ebina			JP
Uehara; Yasuhiro	Ebina			JP
Yasuno; Michiaki	Ebina			JP
Omata; Makoto	Ebina			JP

US-CL-CURRENT: 428/458; 156/137, 156/60, 205/143, 205/144, 205/149, 205/151, 205/152, 205/80, 264/241, 264/299, 264/319, 427/230, 427/234, 427/237, 427/240, 427/241, 427/407.1, 427/409, 428/35.8, 428/411.1, 428/457

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [TOC](#) | [Drafter](#)

13. Document ID: US 6701102 B2

L24: Entry 13 of 17

File: USPT

Mar 2, 2004

US-PAT-NO: 6701102

DOCUMENT-IDENTIFIER: US 6701102 B2

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for controlling the temperature in a fixing device of an image forming apparatus

DATE-ISSUED: March 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hasegawa; Hiroto	Shizuoka			JP
Miyamoto; Toshio	Shizuoka			JP
Izawa; Satoru	Shizuoka			JP
Suzumi; Masahiko	Shizuoka			JP
Kanari; Kenji	Shizuoka			JP

US-CL-CURRENT: 399/69; 219/216, 399/330

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | |

14. Document ID: US 6506477 B1

L24: Entry 14 of 17

File: USPT

Jan 14, 2003

US-PAT-NO: 6506477

DOCUMENT-IDENTIFIER: US 6506477 B1

TITLE: Apparatus and method for forming three-dimensional object

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ueda; Masahide	Kashihara			JP
Kubo; Naoki	Nishinomiya			JP
Kamisaki; Akiyoshi	Takarazuka			JP
Yagi; Fumiya	Toyonaka			JP

US-CL-CURRENT: 156/148, 156/242, 156/285, 156/62.2, 264/103, 264/129, 264/132,
264/280, 264/299, 264/510, 425/130, 425/190, 428/190, 428/546

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | |

15. Document ID: US 6040558 A

L24: Entry 15 of 17

File: USPT

Mar 21, 2000

US-PAT-NO: 6040558

DOCUMENT-IDENTIFIER: US 6040558 A

**** See image for Certificate of Correction ****

TITLE: Image heating apparatus

DATE-ISSUED: March 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamazaki; Michihito	Tokyo			JP

US-CL-CURRENT: 219/216; 399/329, 399/69

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Claims](#) | [TOC](#) | [Drawings](#)

16. Document ID: US 5819149 A

L24: Entry 16 of 17

File: USPT

Oct 6, 1998

US-PAT-NO: 5819149

DOCUMENT-IDENTIFIER: US 5819149 A

**** See image for Certificate of Correction ****

TITLE: Image forming apparatus preventing change of size of image

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Yasunari	Susono			JP
Otsuka; Yasumasa	Toride			JP
Hashimoto; Hiroshi	Toride			JP
Takano; Manabu	Tokyo			JP

US-CL-CURRENT: 399/330; 399/44, 399/68

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17. Document ID: US 5682580 A

L24: Entry 17 of 17

File: USPT

Oct 28, 1997

US-PAT-NO: 5682580

DOCUMENT-IDENTIFIER: US 5682580 A

TITLE: Electrophotographic serial printing apparatus

DATE-ISSUED: October 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Iwama; Ryouichi

Kawasaki

JP

Masuda; Syuzo

Saijo

JP

US-CL-CURRENT: 399/130; 347/152, 347/156, 399/320

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RECORD	940477
RECORDA	200
RECORDAAD	1
RECORDAAT	1
(L23 AND ((RECORD\$3 OR CAPTUR\$4 OR MEDIUM) WITH (DEVELOP\$3 OR DEVELOPMENT))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	17

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